Instruction manual and maintenance

MONROC

EXPOBAR®

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U / GB

Rev. 090123

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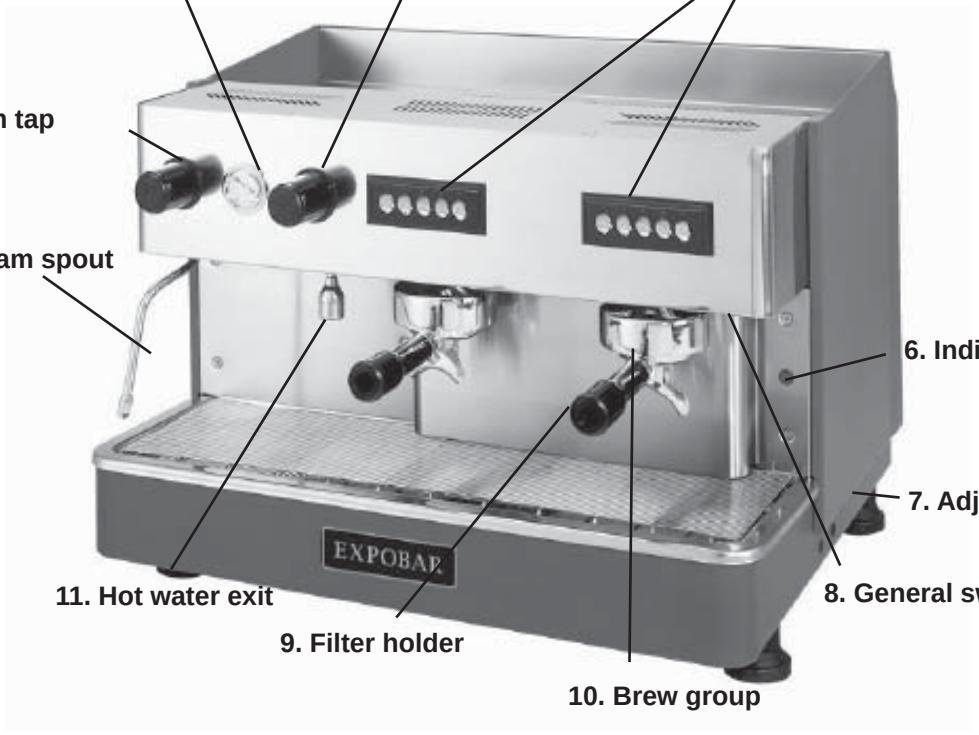
READ THIS INSTRUCTION AND MAINTENANCE MANUAL CAREFULLY BEFORE INSTALLATION AND BEFORE USING THE COFFEE MACHINE

2. Identification of external components MONROC

FIG. 1



3. Characteristics

Model Number	Unit	Measurements in mm. Width depth height			Boiler Litres	Power (W) Resistance	Total	Voltage Vac	Weight Kg.
2 Units	2	650	530	480	11.5	3050	3235	230	60

4. Equipment provided MONROC

For models: Units 2, 3 and 4.

2 complete filter holders for two cups
\+ 1 filter holder for 1 cup.
\+ 1 1/2 meter hose.
\+ 1 clean unit filter.

5. Installation of the coffee machine MONROC

When the machine is installed in its case, the latter must be as near horizontal as possible (use the adjustable legs) so that the coffee issuing from the machine is evenly distributed between the cups.

- Electrical installation:

Electrical installation of the coffee machine must be performed by qualified personnel, who must follow closely the following safety instructions:

a) Check that the electrical information on the data plaque fits with the installation on your site or at your home.
b) The coffee machine must be connected to a socket with current provided with an earth which complies with current regulations in your country.
c) The electric cable on the installation site must be protected with a magneto-thermic fuse which should be adequate for the power of the current used by the coffee machine, as indicated on the data-plaque.
d) There must also be a differential relay adequate for the type of installation.
e) Make sure that the thickness of the installation cables is suitable for the energy consumption of the coffee machine. Do not use extensions, adapters or multiple sockets when connecting the coffee machine to the electricity supply.

- Hydraulic installation:

Using the pipe connected to the machine, connect it to a male 3/8" water tap with a screw-down valve. It is obligatory to fit a softener between the valve and the machine **(in the equipment provided there is a 50 cm pipe for making this connection). In a later chapter we will explain how to regenerate the resins in the softener so that they continue capturing the lime particles.**

The manufacturer is not responsible for any injuries or damage to health, whether of animals or human beings, nor for any material damage caused by incorrect installation of the coffee machine.

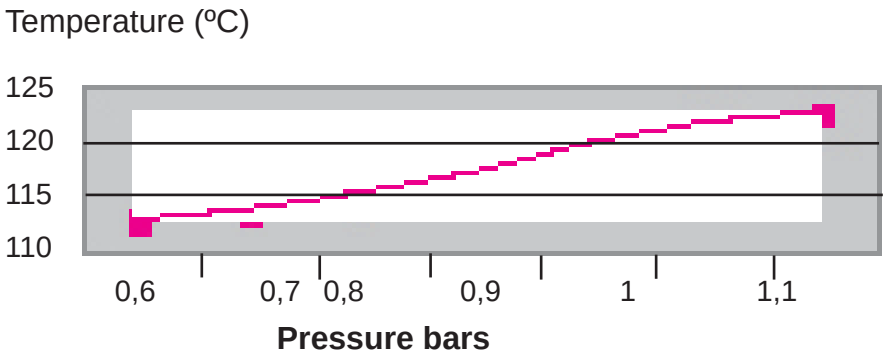
6. Refilling water in the boiler MONROC

Water is refilled automatically.

7. Pressure gauge MONROC

Indicates pressure in the interior of the boiler

Pressure-Temperature Relationship



8. Start up MONROC

1. Open the water screw valve external to the machine.

2. Connect the general switch, see (8) Fig. 1-.

3. Open the steam tap until steam is emitted.
"The red pilot light, see (6) Fig.1,- shows that the machine is heating up. When it goes out, the machine has reached its ideal temperature".

4. Connect the dispensing button, see (4) Fig. 1, or the control panel, see (5) Fig. 1 ,until the water is issuing continuously for each dispensing unit, see (10) Fig. 1.

9. Fitting the filter holder into the dispensing unit MONROC

Water is refilled automatically.

FIG. 2

FITTING THE FILTER HOLDER INTO THE DISPENSING UNIT

The filter holder has two projections on the sides which must be fitted into the unit's slots. When that has been done, turn from left to right until the handle of the holder is at a perfect right angle to the coffee machine.

CORRECT POSITION OF THE HOLDER IN THE UNIT

FIG. 3

CORRECT

THE RUBBERS ARE WORN

10. Coffee dispensing MONROC

PULSER MODEL

a) Pull the filter holder away from the machine.

b) Place the amount of coffee you need for coffee of your choice in the filter. Preferably, the coffee should have been recently ground. Use the appropriate filter holder See Fig. 4-.

c) Push the coffee down with the coffee press.

d) Position the filter holder into the unit and make sure that it is really tight, see Fig.3-, place the cup below the filter holder's outlet, and activate the dispensing switch, - see (4) Fig. 1-.

CONTROL MODEL

a) Pull the filter holder away from the machine.
b) Place the amount of coffee you need for coffee of your choice in the filter. Preferably, the coffee should have been recently ground. Use the appropriate filter holder See Fig. 3-.
c) Push the coffee down with the coffee press.
d) Select the desired option from the electronic control panel.

The panel is pre-programmed with 4 standard doses (which can be programmed to your taste, see programming) and a continuous dispensing option. The first four buttons (1 small coffee - 1 large coffee - 2 small coffees - 2 large coffees) are automatically disconnected, and the fifth is for continuous coffee, to disconnect it push it again

ALWAYS LEAVE THE FILTER HOLDER ENGAGED IN THE UNIT.
It is very important to keep it at the ideal temperature, so that you can get a good expresso coffee.
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FIG. 4

Filter holder for two doses of coffee
Filter holder for one dose of coffee
Filter for two doses of coffee
Filter for one dose of coffee

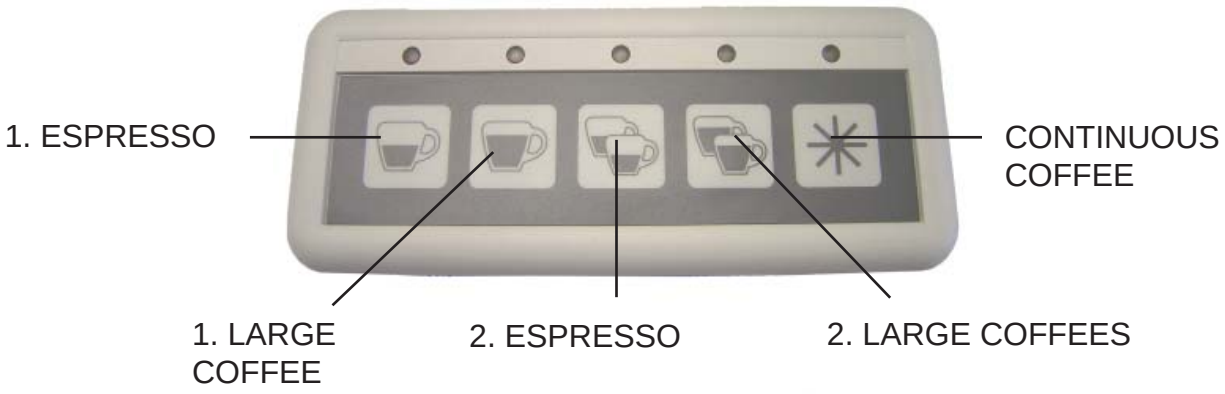
11.1. Programming the electronic control panel

Keep pressing the continuous button, on either of the two control panels, for 8 seconds. The continuous coffee lights will blink on and off.
Press the coffee dose you want to reprogramme (1 espresso - 1 large coffee - 2 espresso - 2 large coffees). It will then begin to dispense coffee. When you have reach the desired dose, push the dose you selected once more to end the process, and the dose will be remembered. Repeat the process for the other buttons.

Very important: When you reprogramme a dose in the left hand control panel (looking at the machine from the front), the dose will be remembered in both control panels.
Example: If we re-programme the dose of the small coffee button on the left control panel, the new dose which we have placed in the memory is remembered by the small coffee button on the other control panels.
This only happens with the left control panel, if we re-programme another panel only that panel is modified.

When reprogramming the coffee dose, fresh coffee must be used in the filter.

FIG. 5



11. Electronic control panel MONROC

11.2. Electronic control panel alarms

When the electronic control panel detects a lack of water in the boiler, the five lights on the control panel will blink.
When the volume meter on the electronic control panel detects a problem, the light for the dose which we have pressed blinks.
Maximum security period. All doses have a maximum coffee dispensing time of five minutes.

12. Heating of liquids MONROC

Heating of liquids

a) Fit the steam pipe, which is above the tray, and open the steam tap, see (1) Fig. 1-, so that any condensed water in the pipe escapes.

b) Close the steam tap.

c) Place the steam pipe in the liquid to be heated.

d) Open the tap. It will begin to heat (never take the steam pipe out of the liquid to be heated because it could spray out hot liquid which could cause scalding).

e) When the process is finished, place the vaporiser on the tray, open the steam tap so that the inside of the pipe is clear of remains of milk or other liquids, close the tap and clean the outside of the pipe with a damp cloth.

13. Extraction of water for infusions (teas) MONROC

Extraction of water for infusions (teas)

Place the receptacle in which you wish to put the hot water beneath the water pipe.
Open the water tap, see (3) Fig. 1, until enough water has been obtained.
Close the tap.

14. Cleaning the coffee machine MONROC

Cleaning the coffee machine
Disconnect the machine for cleaning. The entire surface of the coffee machine can be cleaned with a damp cloth. Use NON-aggressive detergents.
Do not use solvents or degreasing agents.

15. Cleaning the dispensing unit MONROC

Cleaning the dispensing unit

a) Pull the filter holder away from the machine.
b) Place the filter membrane inside the filter holder, -see Fig. 6-.
c) Place a sachet of detergent inside the filter holder. Special detergents must be used for cleaning the dispenser unit.
d) Place the filter holder in the coffee machine and press the dispensing button, - see (4) Fig. 1, for about 10 seconds.

Repeat the operation at least five times.

Important: When the cleaning cycle with detergent is finished, dismount the filter and wash it out. For complete elimination of any leftovers, repeat the cleaning but this time without using any detergent.

”DO NOT HANDLE THE FILTER HOLDER DURING THE SELF-CLEANSING PHASE”
The unit must be cleaned every day without using detergent, only with the membrane and water. The unit must be cleaned with detergent once a week. Filter

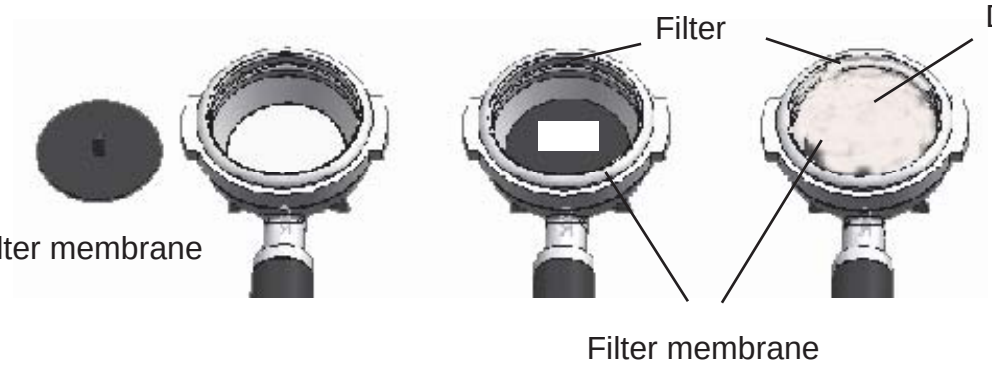


FIG. 6

We recommend

- The unit must be cleaned every day without using detergent, only with the membrane and water.

- The unit must be cleaned with detergent once a week.
  Depending on the hardness of the lime, decalcify.
  Use freshly ground coffee to preserve the aroma and taste of the coffee.
  To prepare good coffee, do not forget that the dispensing unit as well as the filter holder must be warm and at a constant temperature, which is why the filter holder must always be fitted into the unit.

17. Possible dysfunctions MONROC

Possible dysfunctions

These malfunctions are caused by lime:

The coffee does not emerge at the right temperature:

- The exit tubes of the exchangers are obstructed by lime.

Water fails to issue from the brew groups:

18. Precautions MONROC

Precautions

When brewing a coffee, never take the filter holder out. Hot water under pressure can cause serious scalding.
Never handle anything inside the machine. Only qualified authorised personnel may do so.
Never push anything into the ventilation slots
Periodically check the drainage tray.
Do not let children play with the machine. They could be burnt.
Do not use the machine with wet hands or when feet are wet or unshod.
When disconnecting the coffee machine from the electricity supply, never pull the cable. Always use the pin.

If in any doubt, contact qualified and authorised support.

The manufacturer reserves the right to modify the machine without prior warning, in the interest of improving the product.

EXPOBAR®

FOR SERVICE

Your retail dealer

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Art. nr/Art. no. 1730041